



PATENT

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Gill                      Examiner: Le, T  
Serial No.: 10/628,956              Group Art Unit: 2818  
Filed: July 29, 2003                Docket No. HSJ920030125US2  
Title: METHODS INVOLVING A LOW RESISTANCE MAGNETIC TUNNEL  
JUNCTION STRUCTURE

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence and the papers, as described hereinabove, are being deposited in the United States Postal Service, as first class mail, in an envelope addressed to:  
Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on May 18, 2004.

By: Kathleen McDevitt  
Kathleen McDevitt

TRANSMITTAL

Mail Stop Non-Fee Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

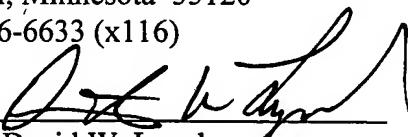
We are submitting herewith the following:

- Office Action Amendment and Response, pages 1-10.
- Transmittal Sheet
- 1 Return Postcard

Authorization is hereby given to charge any additional fees or credit any overpayments  
that may be deemed necessary to Deposit Account No. 50-0996 (HITG.050PA).

Respectfully submitted,

Crawford Maunu PLLC  
1270 Northland Drive, Suite 390  
St. Paul, Minnesota 55120  
651-686-6633 (x116)

By:   
David W. Lynch  
Reg. No. 36,204

Date: May 18, 2004



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**AMENDMENT AND RESPONSE**

Mail Stop Non-Fee Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In response to the Office Action dated February 18, 2004, reconsideration and allowance of the application are respectfully requested in view of the amendments to the claims and remarks below.

Amendments to the claims begin on page 2 of this paper.

Remarks begin on page 8 of this paper.